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## Workshop on BTDF measurement

### AGENDA

CSIC  
C/ Serrano 144, 28006 Madrid (ES)

#### Tuesday, April 26<sup>th</sup> 2022

9:00	<i>Registration and coffee</i>	
9:20	Welcome and opening remarks	Tatjana Quast (PTB)
<b>New facilities and approaches for the measurement of BTDF</b>		
9:30	BTDF, measurand and sample types	Stefan Källberg (Rise)
9:50	BTDF primary facility for the measurement of horizontal samples	Robin Aschan (Aalto)
10:10	BTDF primary facility for the measurement of vertical samples	Jinglin Fu (PTB)
10:30	Effect of the size of the irradiation area in BTDF measurements	Alejandro Ferrero (CSIC)
10:50	<i>Short coffee break</i>	
11:15	Status of comparison of BTDF scales and overview of samples	Soren Jensen (DFM), and other pilots
11:45	Goniometric and sphere-based measurements of transmittance and haze	Annette Koo (CI)
<b>Industrial applications and needs – part 1</b>		
12:05	BTDF - Benefit and use from the view of a material supplier	Rafael Oser (Covestro)
12:25	BTDF of frosted glass	Iryna Gozhyk (St. Gobain Recherche)
12:45	<i>Group photo</i>	
13:00	<i>Lunch break</i>	
<b>Industrial applications and needs – part 2</b>		
14:00	Manufacturing, characterization and simulation of interference lithographic stochastic gaussian surface diffusers of varying feature size	Tobias Kraus (Temicon)
14:20	Nanocellulose films as BTDF artefacts	Li Yang (RISE)
14:40	Modelling of light propagation in translucent materials	Youri Meuret (KU Leuven)
15:00	Discussion & Closing remarks	Alfred Schirmacher (PTB), Tatjana Quast (PTB)
15:30	<i>Coffee break</i>	
16:00	Lab Tour	